

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: IRiS

Report Number: P1249467

Luminaire Tested: P3AS13R659027DE010 E3DLP1H

Issue Date: 1/30/2026

Test Information

Test Method: LM-79-2019
Report Number: P1249467
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2601-647-41)
Test Lab: INNOVATION CENTER
Issue Date: 1/30/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS13R659027DE010 E3DLP1H
Description: 3in Adjustable LED luminaire with, R65 optic, 2700K CCT AND, 90CRI , E3DLP1H TRIM
Light Source: -
Ballast/Driver: -

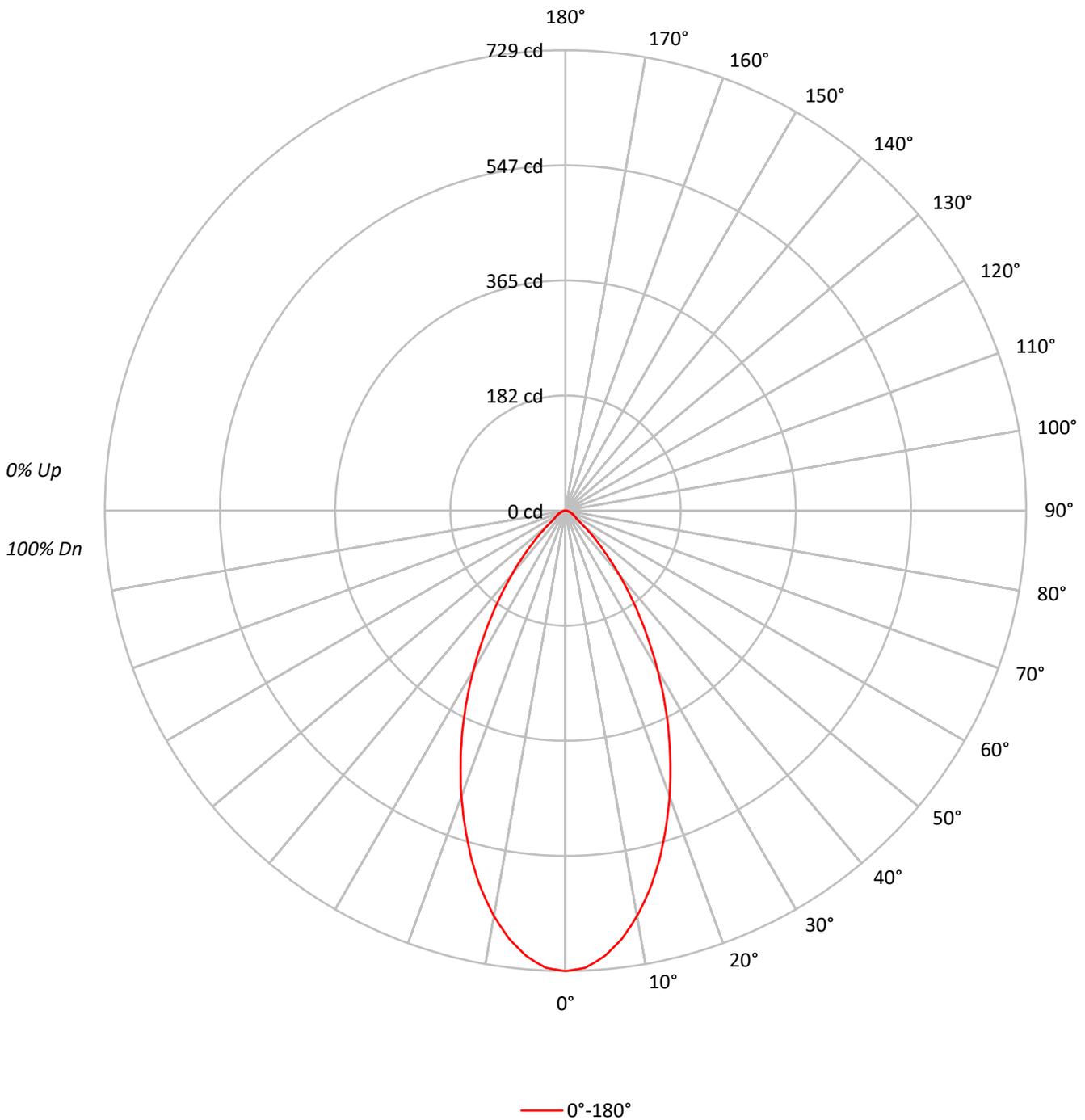
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 629.0 lumens
Efficiency: N/A
Efficacy: 43.1 lumens/watt
Spacing Criteria (0/90/45): 0.79 / 0.79 / 0.83
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 14.6
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

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Luminous Intensity Polar Plot





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COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

| | | | | | | | | | | | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|-----|
| RF | 20 | | | | 20 | | | | 20 | | | | 20 | | | | 20 | | | | 20 | |
| RC | 80 | | | | 70 | | | | 50 | | | | 30 | | | | 10 | | | | 0 | |
| RW | 70 | 50 | 30 | 10 | 70 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 | |
| RCR | | | | | | | | | | | | | | | | | | | | | | |
| 0 | 119 | 119 | 119 | 119 | 116 | 116 | 116 | 116 | 111 | 111 | 111 | 106 | 106 | 106 | 102 | 102 | 102 | 100 | | | | 100 |
| 1 | 113 | 110 | 107 | 105 | 110 | 108 | 105 | 103 | 104 | 102 | 100 | 100 | 98 | 97 | 96 | 95 | 94 | 92 | | | | 92 |
| 2 | 107 | 101 | 97 | 93 | 104 | 100 | 96 | 92 | 96 | 93 | 90 | 93 | 91 | 88 | 90 | 88 | 86 | 85 | | | | 85 |
| 3 | 101 | 94 | 88 | 84 | 99 | 92 | 87 | 83 | 90 | 85 | 82 | 87 | 84 | 81 | 85 | 82 | 79 | 78 | | | | 78 |
| 4 | 95 | 87 | 81 | 76 | 93 | 86 | 80 | 76 | 84 | 79 | 75 | 82 | 78 | 74 | 80 | 76 | 73 | 72 | | | | 72 |
| 5 | 90 | 81 | 75 | 70 | 88 | 80 | 74 | 70 | 78 | 73 | 69 | 77 | 72 | 69 | 75 | 71 | 68 | 66 | | | | 66 |
| 6 | 85 | 76 | 69 | 65 | 84 | 75 | 69 | 65 | 73 | 68 | 64 | 72 | 67 | 64 | 71 | 66 | 63 | 62 | | | | 62 |
| 7 | 81 | 71 | 65 | 60 | 79 | 70 | 64 | 60 | 69 | 64 | 60 | 68 | 63 | 59 | 67 | 62 | 59 | 57 | | | | 57 |
| 8 | 77 | 67 | 60 | 56 | 75 | 66 | 60 | 56 | 65 | 59 | 56 | 64 | 59 | 55 | 63 | 58 | 55 | 54 | | | | 54 |
| 9 | 73 | 63 | 57 | 52 | 72 | 62 | 56 | 52 | 61 | 56 | 52 | 60 | 55 | 52 | 59 | 55 | 52 | 50 | | | | 50 |
| 10 | 69 | 59 | 53 | 49 | 68 | 59 | 53 | 49 | 58 | 53 | 49 | 57 | 52 | 49 | 56 | 52 | 49 | 47 | | | | 47 |

AVERAGE LUMINANCE (cd/sqm):

| | |
|-----|--------|
| | 0° |
| 0° | 159878 |
| 5° | 155910 |
| 10° | 145177 |
| 15° | 130103 |
| 20° | 112360 |
| 25° | 93465 |
| 30° | 73708 |
| 35° | 54609 |
| 40° | 37642 |
| 45° | 23351 |
| 50° | 12690 |
| 55° | 7990 |
| 60° | 6754 |
| 65° | 6123 |
| 70° | 5257 |
| 75° | 4575 |
| 80° | 4546 |
| 85° | 4529 |

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°
 Vertical Angle: 45°
 Luminance: 23351 cd/sqm



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ZONAL LUMENS:

| Zone | Lumens | % Fixture |
|-----------|--------|-----------|
| 0°-10° | 65.8 | 10.5 |
| 10°-20° | 159.3 | 25.3 |
| 20°-30° | 176.1 | 28.0 |
| 30°-40° | 127.9 | 20.3 |
| 40°-50° | 59.9 | 9.5 |
| 50°-60° | 20.2 | 3.2 |
| 60°-70° | 11.7 | 1.9 |
| 70°-80° | 6.1 | 1.0 |
| 80°-90° | 2.0 | 0.3 |
| 90°-100° | 0.0 | 0.0 |
| 100°-110° | 0.0 | 0.0 |
| 110°-120° | 0.0 | 0.0 |
| 120°-130° | 0.0 | 0.0 |
| 130°-140° | 0.0 | 0.0 |
| 140°-150° | 0.0 | 0.0 |
| 150°-160° | 0.0 | 0.0 |
| 160°-170° | 0.0 | 0.0 |
| 170°-180° | 0.0 | 0.0 |
| 0°-30° | 401.2 | 63.8 |
| 0°-40° | 529.2 | 84.1 |
| 0°-60° | 609.3 | 96.9 |
| 0°-90° | 629.0 | 100.0 |
| 90°-120° | 0.0 | 0.0 |
| 90°-150° | 0.0 | 0.0 |
| 90°-180° | 0.0 | 0.0 |
| 0°-180° | 629.0 | 100.0 |

CANDELA DISTRIBUTION:

| | 0° | Flux |
|-----|-----|------|
| 0° | 729 | |
| 5° | 708 | 66 |
| 15° | 573 | 159 |
| 25° | 386 | 176 |
| 35° | 204 | 128 |
| 45° | 75 | 60 |
| 55° | 21 | 20 |
| 65° | 12 | 12 |
| 75° | 5 | 6 |
| 85° | 2 | 2 |
| 90° | 0 | |



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CANDELA DISTRIBUTION (FULL):

| | 0° |
|-------|-------|
| 0° | 729.1 |
| 2.5° | 724.6 |
| 5° | 708.3 |
| 7.5° | 683.8 |
| 10° | 652.0 |
| 12.5° | 614.9 |
| 15° | 573.1 |
| 17.5° | 527.8 |
| 20° | 481.5 |
| 22.5° | 433.5 |
| 25° | 386.3 |
| 27.5° | 338.3 |
| 30° | 291.1 |
| 32.5° | 245.8 |
| 35° | 204.0 |
| 37.5° | 166.0 |
| 40° | 131.5 |
| 42.5° | 100.7 |
| 45° | 75.3 |
| 47.5° | 54.4 |
| 50° | 37.2 |
| 52.5° | 25.4 |
| 55° | 20.9 |
| 57.5° | 18.1 |
| 60° | 15.4 |
| 62.5° | 13.6 |
| 65° | 11.8 |
| 67.5° | 10.0 |
| 70° | 8.2 |
| 72.5° | 7.3 |
| 75° | 5.4 |
| 77.5° | 4.5 |
| 80° | 3.6 |
| 82.5° | 2.7 |
| 85° | 1.8 |
| 87.5° | 0.9 |
| 90° | 0.0 |

(END OF REPORT)